

GZ B 0007/1-2021

Paris Lodron Universität Salzburg

PLUS. Competence for tomorrow.

The Paris Lodron University of Salzburg (PLUS) is an up-and-coming Austrian University which stands for outstanding achievement in research and teaching in the fields of (Digital) Humanities, Life Sciences, the sustainability of social processes and the interlinkage between Arts & Sciences. With the four guiding themes of Art in Context, Development and Sustainability, Digital Life, and Health and Mind, the PLUS offers researchers excellent opportunities for interdisciplinary and transdisciplinary interconnectedness.

The Paris Lodron University of Salzburg, Austria, invites applications for a permanent position as

Full Professor of Computational Physics

at the Department of Chemistry and Physics of Materials
<https://www.plus.ac.at/chemie-und-physik-der-materialien/?lang=en>.

We are looking for an internationally renowned researcher in the field of computational physics of condensed matter. This person will strengthen and broaden our current interests in the area of materials science by bringing an innovative and visionary research program. Desired research directions in computational physics and/or the modelling of materials properties could go in the direction of materials design for sustainability, including topics such as light-material interactions, interfacial science or catalysis. The methodological focus should be the field of computer assisted modelling of the atomistic structure of condensed matter, e.g. electronic structure calculations, with the goal of understanding macroscopic properties at a microscopic level.

We expect that the applicant will establish contacts with the research interests of existing groups at the Department of Chemistry and Physics of Materials and to the core facilities in the University. In addition, the applicant should build bridges to other research areas within the Faculties of “Natural and Life Sciences” and “Digital and Analytical Sciences”.

The candidate will teach Physics within our Bachelor and Masters Engineering and Materials Science program as well the Physics courses for the Bachelor/Masters in Education. A proven teaching track record in the field of theoretical physics is especially valued.

Application requirements are:

1. A PhD or equivalent compatible with the goals of the advertised position.
2. The qualification to teach at a university level i.e. Habilitation, *venia docendi* or equivalent.
3. An excellent scientific track record.
4. Pedagogical and Didactic skills.
5. Managerial and leadership skills in academia.
6. Demonstration of being well linked with the international research community.

7. Knowledge of written and spoken German

In addition, it is expected that the candidate will:

1. participate and help to build up research and teaching collaborations within the University of Salzburg.
2. participate within university committees and university administration.
3. have experience in modern research management and in research fund-raising.
4. bring in interdisciplinary experience and good social skills.
5. be ready to take over leadership positions within the university.
6. be able to teach and examine in English and/or potentially in another foreign language.

The University appoints professors full-time on a tenured contract according to the regulations of the Austrian Universities Act, the Law on Employees (Angestelltengesetz) and the collective contractual agreement (Kollektivvertrag) for university employees (group A1 / <https://www.uni-salzburg.at/index.php?id=31062>). The basis of salary negotiations is the required legal minimum of € 5.321,70 before taxes (in 14 monthly payments).

The University of Salzburg is looking to increase the proportion of women on its staff and therefore especially welcomes applications from suitably qualified female candidates. In cases where successful candidates possess equal qualifications, priority will be given to women.

Persons with disabilities or chronic illnesses who meet the required qualification criteria are expressly invited to apply.

Unfortunately, any travel and accommodation expenses incurred during the admission procedure cannot be reimbursed.

Applications stating the reference number of the job advertisement with a description of individual objectives in teaching and research, as well as the usual documents such as curriculum vitae, credentials, list of academic publications, the five most relevant publications for the advertised professorship in pdf, details of courses taught and thesis supervision, as well as other relevant activities including a record of raising external funding are to be submitted by e-mail to the Head of the University of Salzburg, Rector Prof. Dr. Dr. h.c. Hendrik Lehnert (bewerbung@sbg.ac.at) by **13.09.2021**. Candidates are obliged to include a detailed outline of their future research activities and teaching plans.